

**Mainline 6B 2012 Maintenance and Rehabilitation & Line 6B Replacement Projects**  
**IDEM Water Quality Certification Independent Environmental Monitor Weekly Observation Report**

Observation Dates:	10/21/13 thru 10/26/13
IEM Name:	Robert Freeberg
Wetland Identification Number(s):	w-497-b, w-497-a, w-493-e, w-490-a, w-496-c, n-626-1
Waterbody Identification Number(s):	s-492-b
Enbridge Land Tract Identification Number(s):	n-618-9h, n-622-9a, n-622-0, n-622-10, n-623-5b, n-624-2, n-630-4, n-631-7, n-633-1, n-633-1a, n-620-1, n-620-1b, n-632-1, n-646-1a, n-646-1, n-646-6b, n-646-6c, n-619-10, n-625-6, n-618-1, n-621-7, n-622-1a, n-625-8a, n-631-1, n-631-3, n-632-4, n-625-8a,
County(s): St. Joseph, LaPorte, Porter	St. Joseph, Porter, LaPorte
<p><b>10/21/13:</b> Automatic welding continues in monitored areas between mp 482.5 thru mp 501.1. Welders working off cr n 200 w, Sta. #1022+21, tract n-618-9h. Coating crews following coating welds and jeeeping of pipe, working off cr e 900 n, Sta. #1238+16, tracts n-622-9a, n-622-9, and n-622-10. Contractor preparing for hydro test of HDD w-490-a, Exit Sta. # 1350 +13, tract n-623-5b. Crews continues with bore at entry Sta. #1371+20, n-624-2. Lower-in and backfill crew working installing pipe in wetland w-497-b, Sta. #1704+97, tract n-630-4. Contractor installed sheet piling in adjacent wetland w-497-a. Crews working setting up equipment to continue with drill of Jonathan ct, Sta. #1803+58, tract n-631-7. Crews begin lower-in and backfill off cr n 675 w, Sta. #1886+19, tract n-633-1a. All activity observed was in environmental compliance. <b>10/22/13:</b> Automatic welding completed in monitored area, mp 482.5 thru mp 501.1. Sandblasting crew working off cr n 75 w, Sta. #1099+71, coating crew working off Calumet rd, Sta. #1225+24. Traveled to wetland, w-493-e, where Spread 1a ditch crew excavating. Mats and undisturbed topsoil has sub soil from ditch stored. See photo. Contractor continues to use wetland to store subsoil, contacted LEI Kyle Owens, has informed contractor, after topsoil has been put back, any leftover subsoil is to be removed from wetland area. Traveled back to Spread 2a monitored area, mp 515.7 thru 517.9; ditch and stringing crews have left area. Tie-in and lower-in crews working off N. Emery rd. See photo. <b>10/23/13:</b> Light snow on spread 2a in a.m., trace to .5". Spread 1a coating crew working off cr w 775 n Sta. # 1079+17, tract n-619-10. Contractor continues preparing hydro test of HDD w-490-a at exit area of drill, Sta. #1350+13 tract n-623-5b. Spread 1a crews need to improve on housekeeping, trash on ROW. With change in weather sweeping crews will need to continue working to keep state, county, and city streets clear of mud tracked from ROW. Ditch crew working at Sta. #1436+61, tract n-625-6. Traveled to beginning of monitoring area, mp 501.1 to locate clean-up crew. Rough clean-up on tract n-633-1, Sta. #1882+95 has begun. <b>10/24/13:</b> Spread 2a contractor preparing to lower in pipe in monitored area, between mp 515.7 thru mp 517.9. Housekeeping in spread 2a areas very good. Road maintenance ongoing. Proactive approach to any environmental issues on this spread. Traveled to second monitored area, mp 482.5 thru mp 501.1 where rough clean up has progressed west of Sta. # 1886+15 thru Sta. #1752+55. Ditch crew working on tract n-625-8a, Sta. #1439+03. Note: Housekeeping in monitored areas are fair, overall ROW observations are good, some cans and plastic bottles along with trash bags left to be picked up by next crew thru. <b>10/25/13:</b> LEI Kyle Owens notified IEM of frac out at HDD w-496-c. Traveled to area off Otis rd, Sta. # 1655+13 where frac out was being monitored by contractor, HDD was temporally shut down waiting for equipment to arrive so turbidity curtain could be installed around spill, for containment. See photo. Lower in crew working at Sta. #1436+81, tract n-625-8a. Sand blast crew has finished work in monitoring area, working west off cr n 450 w, Sta. #879+40. All activity observed was in environmental compliance. <b>10/26/13:</b> Coating crew finished automatic weld coating in monitoring areas and has continued west. Ditch crew working west of cr n400e Sta. #1392+80, tract n-624-4a. Road bore of cr n475e completed. Traveled to Otis rd where crews had completed installation of containment turbidity curtain on drilling mud release into wetland w-496-e, Sta. #1655+00.</p>	



Wetland w-497-b, Sta. #1704+97, tract n-630-4, backfill complete.



Sheet piling in wetland w-497-a, prepared for ditch excavation.



Contractor preparing for bore of Jonathan ct. Sta. #1803+58.



Contractor working lower-in and backfill at Sta. # 1886+19.



Sub soil stored in wetland w-493-e, Sta. #1520+00, n-626-7b.



Sub soil stored on topsoil at Sta. #1830+39, tract n-632-1.





Turbidity curtain installed in wetland w-496-c.



M/L pipe with foam breaker installed west of Holmsville rd.



Spread 2a lower-in crew off N Emery rd, Sta. # 2730+00.



Spread 2a ROW after ditch and stringing crews completed.



Spread 2 snow event in a.m. off cr e 700 n.



Coating crew preparing to cross cr n 775 e .



Frac out wetland w-496-c, Sta. #1655+00, facing west.



Rough clean up west of Forester rd. approximate Sta. #1844+00.